



US 20020196781A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2002/0196781 A1**
Salovuori (43) **Pub. Date:** **Dec. 26, 2002**

(54) **CALL ROUTING IN A
TELECOMMUNICATION SYSTEM**

(52) **U.S. Cl.** 370/352; 370/465

(76) **Inventor:** **Heikki Salovuori, Helsinki (FI)**

Correspondence Address:
PILLSBURY WINTHROP, LLP
P.O. BOX 10500
MCLEAN, VA 22102 (US)

(21) **Appl. No.:** **10/153,180**

(57) **ABSTRACT**

(22) **Filed:** **May 23, 2002**

Related U.S. Application Data

(63) Continuation of application No. PCT/FI00/01044,
filed on Nov. 29, 2000.

Foreign Application Priority Data

Dec. 2, 1999 (FI)..... 19992593

Publication Classification

(51) **Int. Cl.⁷** **H04J 3/16**

A method of routing calls in a telecommunication system comprising a mobile services switching center (MSC) and a base station connected thereto, and mobile stations wherefrom a telecommunication connection is established by using a first predetermined protocol on a radio connection. The telecommunication system further comprises a packet data network, a server communicating with the MSC and the packet data network, wherefrom a telecommunication connection is established through the packet data network and the server to the MSC. In the server, messages according to the first protocol supplied from the MSC are as such arranged into data packets of data network protocol to be forwarded through the packet data network to the terminal. The terminal transmits and receives the messages according to the first protocol arranged as such into the data packets of the packet data network protocol and emulates a mobile station using the first protocol.

